

Form C-104  
Rev. 2/01CONSTRUCTION VALUE ENGINEERING CONCEPT PROPOSAL  
MISSOURI DEPARTMENT OF TRANSPORTATION

Contract ID 08125-X01 Job No. 10P0376B Date 02/20/2008  
County Dunklin Route 164 Original Bid Cost \$17,500.00  
Contractor Robertson Contractors, Inc. By John W. Leist  
Designed By John W. Leist Phone (573) 785-0880

VE # 08-10

## 1. Description of existing requirements and proposed change(s). Advantages/Disadvantages

Line No. 0120. 12 Inch slotted drain/ 350LF. We will install a 12" CMP "drop" elbow at Sta. 136+00 & lay 12" CMP to Sta. 140+00 with 12" CMP Tees at Sta. 137+50, 138+50, 139+50 & a 12" CMP elbow connecting to the 28 ft. of 12" temp. CMP to be placed under existing Rt. 164. CMP elevation will be adjusted to allow adequate drainage. Silt fence will be placed & maintained at each elbow & tee.

## 2. Estimate of reduction in construction costs.

\$10,500.00

## 3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.

None, CMP is temporary and is shown on plans to be removed after traffic is switched to new structure.  
(Sheet 7 of plans.)

## 4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.

02/20/2008

(date)

## 5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.

03/15/2008

(date)

None

(effect)

## 6. Dates of any previous or concurrent submission of the same proposal.

0

(date and/or dates)

**Additional Comments:**

Robertson Contractors, Inc. will do this change for a unit price of \$20.00 per linear foot.  
350 LF @ \$20.00 = \$7000.00

**\*\* Portion Below This Line To Be Filled Out by MoDOT \*\***

**Comments:**

*I recommend approval*

*Brian Holt*

Submitted By Resident Engineer

*3/3/08*

Date

**Comments:**

*I would consider this proposal to be equal to the MoDOT design. 50% savings*

☒ Approval  
Recommended

☐ Rejection  
Recommended

*Lyndell R. Allen DCME*

District Engineer

*3-11-08*

Date

**Comments:**

☒ Approval

☐ Rejection

*David D. Goober*

State Operations Engineer

*3-14-08*

Date

**Distribution:**

Resident Engineer, District Operations Engineer, State Operations Engineer  
\*Value Engineering Administrator - \*MoDOT, P.O. Box 270, Jefferson City, MO 65102



# MEMORANDUM

BAW

Missouri Department of Transportation  
Construction  
2675 North Main

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**TO:** Brian A. Williams  
Construction and Materials

**CC:** Kennett Construction  
file

**FROM:** Debbie Strobel  
DFPRP

**DATE:** March 12, 2008

**SUBJECT:** District 10 - Construction  
Value Engineering Proposal  
Job No. J0P0376B  
Route 164  
Dunklin County

Attached is the above-mentioned proposal that has been approved at the district level. Please make review and return to District 10 for distribution. If you have any questions, please contact Lynelle Luther.

Attachment

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# VALUE ENGINEERING CHECK SHEET

## TYPE OF WORK

(Check one that applies)

- ☐ Bridge/Structure/Footings
- ☐ Drainage Structures (RCP, RCB, CMP's, ect.)
- ☐ TCP/MOT
- ☐ Paving (PCCP, ect.)
- ☐ Grading/MSE Walls
- ☐ Signal/Lighting/ITS
- ☒ Misc. \_Temporary Drainage (50/50)

## SUMMARY OF PROPOSAL

(If needed, condense summary to a couple of lines)

In lieu of slotted drains, the contractor proposes to utilize 12" CMP to maintain drainage.

## SCANNING OF DOCUMENT

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.

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